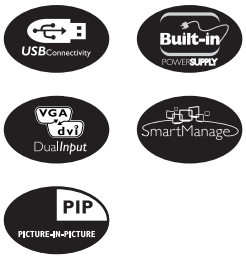
Philips Brilliance
LCD widescreen monitor

23"
WUXGA

BRILLIANCE

230W5VS



the smart way to boost productivity

Productivity pays: Look to the Philips 230W5 with SmartManage - remote, LAN-based monitor management - for professional motion picture, video, CD and DVD post production work that demands a big, wide screen, PiP and input source variety.

Outstanding front of screen performance

- WUXGA, wide format 1920x1200 resolution for sharper display
- Fast response time for great display of moving images
- Widest viewing angle up to 176 degrees
- Dual input accepts both analog VGA and digital DVI signals

Multi-function for ultimate convenience

- A solid-state 6-in-1 card reader for easy media access
- Built-in high-speed USB 2.0 solution for easy connections
- Display from multiple video sources:YPbPr, S-Video, and CVBS
- Displays PC data while viewing video or TV in a window

Great convenience

- Embedded power supply eliminates external power adaptors
- VESA mounting pattern for easy wall mounting of display
- Easy plug-and-play DVI for a true digital experience

PHILIPS
sense and simplicity

LCD widescreen monitor
23" WUXGA

230W5VS/27

Specifications

Picture/Display
- LCD panel type: 1920 x 1200 pixels, Anti-glare polarizer, RGB vertical stripe
- Panel Size: 23" / 58.4 cm
- Effective viewing area: 495.4 x 309.6 mm
- Pixel pitch: 0.258 (H) x 0.258 (V) mm
- Brightness: 250 cd/m²
- Contrast ratio (typical): 500:1
- Display colors: 16 M
- Viewing angle: @ C/R > 10
- Viewing angle (h / v): 176 / 176 degree
- Response time (typical): 16 ms
- White Chromaticity, 6500K: x = 0.313 / y = 0.329
- White Chromaticity, 9300K: x = 0.283 / y = 0.297
- Maximum Resolution: 1920 x 1200 @ 60Hz
- Recommended Resolution: 1920 x 1200 @ 60Hz
- Factory Preset Modes: 20 modes
- User definable modes: 15 modes
- Horizontal Scanning Frequency: 30 - 94; 28 - 94 (YPbPr) kHz
- Refresh Rate (V): 56 - 85 Hz
- Aspect ratio: 16:10
- Picture enhancement: Picture in Picture, Progressive Scan

Connectivity
- Audio input for PC: 3.5mm Phone Jack x 2
- Audio input for video: Audio Left/Right (RCA x 2)
- AV 1: CVBS in, S-Video, YPbPr
- Other connections: Stereo line out
- Signal Input: Analog (VGA), DVI-I
- USB: USB 2.0
- Other video input: Component Video, S-Video

Convenience
- Built-in Audio: 3W RMSx2 stereo speakers
- Convenience Enhancements: On-screen Display
- Monitor Controls: Auto, Brightness Control, Left/Right, Menu (OK), Power On/Off, Up/Down, Volume control
- OSD Languages: English, French, German, Italian, Simplified Chinese, Spanish, Japanese
- Other convenience: Kensington lock
- Plug & Play Compatibility: DDC CI, Windows 98/ME/2000/XP
- Regulatory Approvals: CE Mark, FCC-B, UL, CSA, NUTEK, Energy Star, SEMKO, TCO '03, TÜV/GS, TÜV Ergo
- Swivel: +/- 170°
- Tilt: -5 degree to +20 degree
- VESA Mount: 100 x 100 mm

Accessories
- User Manual
- Included Accessories: AC Power Cord, PC audio cable, USB cable, VGA cable, DVI-D cable

Dimensions
- Dimensions (with base) (W x H x D): 548 x 452 x 250 mm
- MTBF: 50,000 hrs
- Relative Humidity: 20% - 80%
- Temperature range (operation): 5°C to 35°C
- Temperature range (storage): -20°C to 60°C
- Weight: 9 kg

Power
- Complies with: Energy Star, NUTEK
- Consumption: 90W (Typical)
- Off Mode: < or = 2 W
- Power LED indicator: Operation - Blue, Stand by/sleep - Amber
- Power supply: Built-in

Product highlights

WUXGA, wide format 1920 x 1200
Wide format of Ultra Extended Graphics Array, a display specification that is capable of displaying 1920 x 1200 resolution, or approximately 2.3 million pixels.

Fast response time
Response time measures signal reaction speed in milliseconds. On/off response time measures the time required for the screen to turn from completely white to completely black and vice versa. Fast on/off response time improves display of text. Gray-to-grey response time measures the average time of transition between several sets of random gray levels - Lower numbers mean faster transitions. Faster is better because a fast response time eliminates visible image artifacts that could dampen your experience when viewing fast moving images or objects.

Widest viewing angle
The widest viewing angle up to 176 degree provides the clearest display from any angle.

Dual input
Dual input provides connectors to accommodate input of both analog VGA and digital DVI signals.

Universal card reader (UCR)
A UCR is a device that reads data from portable media and transfers data to PC. It reads data from SD/MMC, Memory Stick, Smart Media and two types of Compact Flash memory cards without an additional peripheral.

USB connectivity solution
The universal serial bus or USB is a standard protocol for linking PCs and peripherals. Because it delivers high speed at a low cost, USB has become the most popular method for connecting peripheral devices to a computer. By placing a USB 2.0 solution in a monitor, Philips provides a conveniently located, easy-to-use, high-speed USB connection for reading, writing, loading and transferring programs, data, digital media or music files to, from or among your PC and one or more USB devices.

Video connection
Plugs to accomodate signal input from a variety of sources

Picture in Picture
PIP enables the viewing of a small television or video window at a selected location in a full-screen display.

Embedded power supply
An embedded power supply is a power adaptor built into the body of a display device that replaces a bulky external power adaptor.

VESA mounting holes
A unified industry standard for wall mounting IT equipment set by the Video Electronics Standards Association.

In-box DVI cable
A DVI cable is shipped with the product to provide high quality digital display.

Large viewing area
Viewing area is the visible portion of a monitor screen available for displaying data.

Screen tilt and swivel
Screen tilt and swivel is a mechanism built into the base permits the monitor to swivel and tilt backward or forward.

Widescreen
A big, widescreen improves productivity by displaying two A4 pages side-by-side.

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